

PANJAB UNIVERSITY, CHANDIGARH

DATE-SHEET FOR **M.A./M.SC./M.P.ED./M.COM. (SEMESTER SYSTEM)**

1ST SEMESTER (Regular/Reappear/Improvement of Performance)

EXAMINATION TO BE HELD IN **DECEMBER, 2018**

(THEORY EXAMINATIONS)

TIME OF EXAMINATIONS: 1.30 p.m. to 4.30 p.m.

DATE & DAY	SUBJECT, PAPER & CODE NO.	
DECEMBER-2018 5 th , Wednesday	M.C.-101: Managerial Economics (3801) (Same for USOL Candidates)	
	Psychology Paper-I: Theories and Systems of Psychology-I (3288)	
6 th , Thursday	Punjabi Paper-I: Madhkali Punjabi Sahit Da Itihas (2364)	
7 th , Friday	M.C.-102: Quantitative Methods for Business (3802) (Same for USOL Candidates)	
8 th , Saturday	Bioinformatics MBIN-8001: Basic Biology (3489)	
	Master in Disaster Management DM1: Concepts, Approaches and Theories of Disasters(2636)	
	Physics PHY 6001: Mathematical Physics-I (3702)	
	Psychology Paper-IV: Research Methodology & Statistics-I (3291)	
	Public Administration Paper-I: Administrative Theory-I (3211)	
	Zoology Paper-I: Structure and Functions of Invertebrates-I (3753)	
	Botany Paper-I: Phycology (3517)	
10 th , Monday	Biotechnology MBIO-101: Cell Biology (3465)	
	English Paper-I: Literary Criticism-I (2249)	
	Environment Science Paper-I (ENV-6101): Geo-Environment & Meteorological Science (3568)	
	Gandhian & Peace Studies Paper-I: Life and the Making of Gandhi (2829)	
	Hindi Paper-I: Hindi Sahitya Ka Adikal Avem Madhyakal (2332)	
	History of Art Paper-I: History of Indian Sculpture and Architecture from the earliest times to CA 600 AD (2914)	
	History Paper-I : The Punjab (Mid-fifteenth to Seventeenth Centuries) (HIS 111) (2856)	
	Journalism & Mass Communication Paper-I: Introduction to Communication (2979)	
	M.P.Ed. Paper-I MPCC-101: Research Process in Physical Education & Sports Sciences (3076)	
	Mathematics Math-601S: Real Analysis-I (3643)	
	Microbial Biotechnology MBT-101: Microbial Biodiversity & Physiology (3681)	
	Philosophy Paper-101 : Introduction to Philosophical Psychology (3258)	
	Punjabi Paper-II: Sahit Sidhant, Sanatni Kaav Shaster Ate Punjabi Alochna (2365)	
	Sanskrit Paper-I: Vaidik Sahitya (2466)	
	Women Studies Paper-I: Conceptualizing Women's Studies (3392)	
	11 th , Tuesday	Ancient Indian History Culture & Archaeology Paper-I: History of India from earliest times to 8 th Century B.C.(2538)
		Buddhist and Tibetan Studies Paper-I: Buddhism in India (2225)
Bioinformatics MBIN-8002: Mathematics (3490)		
Chemistry Paper-I: CH-411:Inorganic Chemistry (3544)		
Defence & Strategic Studies DS-I: National Security Conceptual Aspect (2610)		
Economics MAECO-101: Micro Economics-I (2656)		
Education Paper-I (C01-PSF): Philosophical and Sociological Foundations of Education-I (2720)		
French FRH-101: History of French Literature (16 th & 17 th Centuries) (2285)		
Geography Paper-I: Geographic Thought (2786)		
Human Rights & Duties Core Paper-1: Historical, Theoretical and Philosophical Perspective on Human Rights and Duties (2938)		
M.C.-103: Modern Accounting Theory and Reporting Practices (3803) (Same for USOL Candidates)		
Master in Disaster Management DM2: Fundamentals of Disaster Management (2637)		
Information Technology MS 66 : Linux System & Programming (3606)		
Persian Paper-I: History of Persian Language & Literature (2413)		
Physics PHY 6002: Classical Mechanics (3703)		
Police Administration Paper-I: Police Administration (3139)		
Public Administration Paper-II: Organizational Behaviour (3212)		
Russian Paper-I: 19 th Century Russian Literature (2442)		
Sociology SOC-R-411: History of Social Thought (3346)		
Statistics Stat-101: Linear Algebra (3731)		
Urdu Paper-I: History of Urdu Language and Literature (2502)		
Zoology Paper-II: Lower Chordates & Comparative Anatomy of Vertebrates-I (3754)		
13 th , Thursday	Botany Paper-II: Bryology (3518)	
	Community Education & Development Paper-I: Community Development & Organization (2586)	
	Gandhian & Peace Studies Paper-II: Political Thought of Mahatma Gandhi (2830)	
	History of Art Paper-II: History of European Art from the Pre-Historic to the Byzantine period (2915)	
	Journalism & Mass Communication Paper-II: Basics of Print Journalism (2980)	
	M.C.-104: Organization Theory and Behaviour (3804) (Same for USOL Candidates)	
	M.P.Ed. Paper-II MPCC-102: Test Measurement & Evaluation in Physical Education (3077)	
	Master in Remote Sensing Paper-I: Fundamentals of Remote Sensing (3330)	
	Master in Social Works CSW-101: Social Work-Profession: Evolution & Contemporary Ideologies (3111)	
	Microbial Biotechnology MBT-102: Immunology and Immunotechnology (3682)	
	Political Science Course-I: Western Political Thought-I (3164)	
	Psychology Paper-III: Experimental and Cognitive Psychology-I (3290)	
	Punjabi Paper-III: Opt. (i): Madhkali Punjabi Kaav (2366) Opt. (ii): Gurmati Ate Sufi Kaav (2367)	

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DATE & DAY	SUBJECT, PAPER & CODE NO.	
DECEMBER-2018 14 th , Friday	Biotechnology MBIO-102: Bio molecules (3466)	
	Bioinformatics MBIN-8003: Fundamentals of Modern Biology (3491)	
	Environment Science Paper-II (ENV-6102): Ecological Principles (3569)	
	Fine Arts Paper-I: Principles and Sources of Art (2770)	
	Geography Paper-II: Geomorphology (2787)	
	History Paper-II: Ancient India: An Overview (HIS 231) (2857)	
	Indian Classical Dance: P-I: Survey of Historical & Theoretical aspects of Indian Dance (3060)	
	Indian Theatre Paper-I: History of Theatre (Theory)(2963)	
	Mathematics Math-602S: Algebra-I (3644)	
	Information Technology MS 61 : Software Engineering (3607)	
	Music (Instrumental): P-I : Theoretical Survey, Principles of Aesthetics and Critical Study of Ragas (3012)	
	Music (Tabla) Paper-I : Theoretical Survey & Principles of Aesthetics (3044)	
	Music (Vocal) : P-I : Theoretical Survey Principles of Aesthetics and Critical Study of Ragas (3028)	
	Philosophy Paper-102 : Western Philosophy (History of Greek Philosophy) (3259)	
	Public Administration Paper-III: Public Financial Administration (3213)	
	Sanskrit Paper-II: Sanskrit Natak Avem Kavya Sashtra (2467)	
	Sociology SOC-R-412: Sociology of Family and Gender (3347)	
	Women Studies Paper-II: Women's Movement in India (3393)	
	Zoology Paper-III: Animal Physiology (3755)	
15 th , Saturday	Ancient Indian History Culture & Archaeology Paper-II: History of India from 78 A.D. to 300 A.D (2539)	
	Buddhist and Tibetan Studies Paper-II: Indian Philosophy (2226)	
	Chemistry Paper-II: CH-412: Organic Chemistry (3545)	
	Defence & Strategic Studies DS-2: Concept and Theories of International Relations (2611)	
	Economics MAECO-102: Contemporary Issues in Indian Economy-I (2657)	
	Education Paper-II (C02-EDP): Educational Psychology-I (2721)	
	English Paper-II: British Poetry-I (2250)	
	French FRL-102: Initiation to Linguistics (2286)	
	Hindi Paper-II: Adhunik Hindi Kavya (2333)	
	Human Rights & Duties Core Paper-2: United Nations Human Rights System (2939)	
	M.C.-105: Marketing Management (3805) (<i>Same for USOL Candidates</i>)	
	Master in Disaster Management DM3: Natural and Human Induced Disasters (2638)	
	Persian Paper-II: Elements of Persian Structure (2414)	
	Physics PHY 6003: Quantum Mechanics -I (3704)	
	Police Administration Paper-II: Theory of Public Administration (3140)	
	Russian Paper-II: Translation (2443)	
	Statistics Stat-102: Distribution Theory (3732)	
	Urdu Paper-II: Elements of Urdu Structure (Sheyari Asnaaf aur Nasari Asnaf with Definition) (2503)	
	17 th , Monday	Botany Paper-III: Mycology and Microbiology (3519)
		Biotechnology MBIO-103: Microbiodiversity & Metabolism (3467)
Bioinformatics MBIN-8004: Macro molecular Biochemistry (3492)		
Community Education & Development Paper-II: Indian Social Structure (2587)		
Gandhian & Peace Studies Paper-III: Peace Studies (2831)		
History of Art Paper-III: History of Indian Painting from the Pre-historic period to the 16 th Century A.D.(2916)		
History Paper-III: Medieval India: Political Processes (HIS 221) (2858)		
Journalism & Mass Communication Paper-III: Growth and Development of Print Media (2981)		
M.P.Ed. Paper-III MPCC-103: Theory Games-I: Opt. (i): Basketball(3078) Opt. (ii): Football (3079) Opt. (iii): Gymnastics(3080)		
Master in Remote Sensing Paper-II: Fundamentals of Photogrammetry (3331)		
Master in Social Works CSW-102: Research Methods in Social Work (3112)		
Microbial Biotechnology MBT-103: Genetics & Recombinant DNA Technology (3683)		
Political Science Course-II: Key Concepts in Political Analysis (3165)		
Psychology Paper-II: Social Psychology-I (3289)		
18 th , Tuesday		Buddhist and Tibetan Studies Paper-III: Tibetan Grammar (2227)
		Chemistry Paper-III: CH-413:Physical Chemistry (3546)
		Defence & Strategic Studies DS-3: Art of War (2612)
	Economics MAECO-103: Quantitative Methods-I (2658)	
	Education Paper-III (C03-ERS): Educational Research and Statistics-I (2722)	
	English Paper-III: British Drama-I (2251)	
	Environment Science Paper-III (ENV-6103): Environmental Chemistry & Toxicology (3570)	
	Fine Arts Paper-II: History of Indian Painting and Sculpture (2771)	
	French FRD-103: French Drama (17 th & 18 th Centuries) (2287)	
	Geography Paper-III: Cartography (Theory) (2788)	
	Indian Classical Dance: P-II: Practical Composition and Essay (3061)	
	Indian Theatre: Paper-II: Acting (Theory) (2964)	
	M.C.-106: Management Information System (3806) (<i>Same for USOL Candidates</i>)	
	Master in Disaster Management DM4: Role of Remote Sensing & Geographic Information Systems in Disaster Management (2639)	
	Mathematics Math-603S: Differential Equations (3645)	
	Information Technology MS 62 : Computer Algorithms (3608)	
	Music (Instrumental): P-II: History of Indian Music (3013)	
Music (Tabla) Paper-II: History of Percussion Instruments & Tabla (Ancient to Medieval Period) (3045)		

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DECEMBER-2018 18 th , Tuesday	Music (Vocal) P-II: History of Indian Music (3029)	
	Philosophy Paper-103: Classical Indian Philosophy (Indian Metaphysics) (3260)	
	Physics PHY 6004: Classical Electrodynamics -I (3705)	
	Public Administration Paper-IV: Public Personnel Administration (3214)	
	Sanskrit Paper-III: Vyakaran Aur Bhasavigyan (2468)	
	Women Studies Paper-III: Feminist Theory (3394)	
	Zoology Paper-IV: Ecology and Animal Behaviour (3756)	
19 th , Wednesday	Ancient Indian History Culture & Archaeology Paper-VI: Indian Architecture (2543)	
	Hindi Paper-III: Adhunik Hindi Gadhya Sahitya (2334)	
	Human Rights & Duties Core Paper-3: Human Rights & Duties in India (2940)	
	Persian Paper-III: Modern Prose (2415)	
	Police Administration Paper-III: Organizational Behaviour and Police Administration (3141)	
	Punjabi Paper-IV: Opt. (i): Punjabi Novel Da Adhiyan (2368) Opt. (ii): Panjabi Kahani Da Adhiyan (2369)	
	Russian Paper-III: Modern Russian Language (Morphology) (2444)	
	Sociology SOC-R-413:- Sociology of Development (3348)	
	Statistics Stat-103: Statistical Methods with Packages (3733)	
	Urdu Paper-III: Early Poetry (Nazam and Ghazal) (2504)	
20 th , Thursday	Botany Paper-IV: (3520) (a): Computer Applications & Biostatistics (b): Lab Techniques	
	Bioinformatics MBIN-8005: Computer Programming and Concept of computing (3493)	
	Community Education & Development Paper-III: Empowerment of Community (2588)	
	Gandhian & Peace Studies Paper-IV: A Study of Texts (2832)	
	History of Art Paper-IV: Principles and Sources of Art (2917)	
	Journalism & Mass Communication Paper-IV: Radio & TV Communication-I (2982)	
	M.C.-107A: IT Application in Commerce (3807) (<i>For USOL Students Only</i>)	
	M.P.Ed. Paper-IV : MPEC -101 : Educational Technology & Pedagogic Techniques in Physical Education and Sports (3081) MPEC -102 : Yogic Sciences (3082)	
	Microbial Biotechnology MBT-104: Microbial Biochemistry & Enzymology (3684)	
	Political Science Course-III: Indian Politics: Institution at Work (3166)	
	Public Administration Paper-V: Indian Economic System (3215)	
	21 st , Friday	Biotechnology MBIO-104: Computer Application (3468)
		Education Paper-IV & V(E02-GNC): Opt.(b): Guidance & Counselling-I (2724)
History Paper-IV: Modern India: Political Processes (HIS-211) (2859)		
Master in Remote Sensing Paper-III: Fundamental of Geographic Information Systems (3332)		
Master in Social Works CSW-102: Sociology for Social Work (3113)		
Mathematics Math-604S: Complex Analysis-I (3646)		
Punjabi (Hons) Paper-XVII: Guru Nanak Bani – Diragh Adhian (2397)		
Sanskrit Paper-IV: Darshan (2469)		
Women Studies Paper-IV: Fundamental of Social Research (3395)		
22 nd , Saturday	Ancient Indian History Culture & Archaeology: Paper-VII: Sculpture (2544)	
	Buddhist and Tibetan Studies Paper-IV: Translation (2228)	
	Chemistry Paper-IV: CH-414 (3547) (a) Mathematics for Chemist (b) Biology for Chemist (c) Computer for Chemists	
	Defence & Strategic Studies DS-4: Armed Forces & Society (2613)	
	Economics MAECO-104: Economics of Public Finance (2659)	
	English Paper-IV: British Fiction-I (2252)	
	Environment Science Paper-IV(ENV-6104): Solid Waste Management & Techniques (3571)	
	French FRT-104: Translation (Theory & Commentary) (2288)	
	Geography Paper-IV: Opt.(i): Fundamentals of Population Geography (2789) Opt.(ii): Fundamentals of Agricultural Geography (2790) Opt.(iii): Political Geography (2791) Opt.(iv): Geographical Perspectives on Sustainable Development (2792) Opt.(v): Geography and Ecosystem (2793) Opt.(vi): Contemporary Issues in Human Geography (2794)	
	Information Technology MS 42 : Operating System Concepts (3609)	
	Philosophy Paper-104 : Logic (Part-I) (3261)	
	Physics PHY 6005: Electronics-I (3706)	
	Police Administration Paper-IV: Police Procedures & Investigation Techniques (3142)	
	Public Administration Paper-VI: Indian Social System (3216)	
	Russian Paper-IV: Modern Russian Language (Phonetics, Lexicology and Phraseology) (2445)	
	Statistics Stat-104: Operations Research (M7) (3734)	
	Urdu Paper-IV: Early Prose (Fiction: Novel Afsana and Drama) (2505)	
	Zoology Paper-V: Biostatistics and Computer Applications (3757)	
	24 th , Monday	Botany Paper-V: Anatomy of Angiosperm (3521)
		Biotechnology MBIO-105: Bio statistics (3469)
		Bioinformatics MBIN-8006: Introduction to Database System (3494)
Community Education & Development Paper-IV: Research Methodology (2589)		

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DATE & DAY	SUBJECT, PAPER & CODE NO.
DECEMBER-2018 24 th , Monday	Education Paper-IV&V(E03-EDT): Opt.(c): Educational Technology-I (2725)
	Gandhian & Peace Studies Paper-V: Gandhi in Globalized World (2833)
	Hindi Paper-IV : Bhartiya Kavya Shastra ke Sidhant Avem Hindi Aloachak (2335)
	Human Rights & Duties Core Paper-4: Children and Human Rights (2941)
	Journalism & Mass Communication Paper-V: Media Ethics & Laws (2983)
	Master in Remote Sensing Paper-IV: Fundamental of Computers & Computer Programming (3333)
	Master in Social Works CSW-104: Understanding Community (3113)
	Mathematics Math-605S: Number Theory-I (3647)
	Microbial Biotechnology MBT-105: Bioprocess Engineering (3685)
	Persian Paper-IV: Modern Poetry (2416)
	Political Science Course-IV: International Relations: An Historical Overview (3167)
	Punjabi (Hons) Paper-XVIII: Pralochna Ate Punjabi Alochna Da Adhiyan (2398)
	Sociology SOC-R-414: Social Stratification: Concepts & Theories (3349)

NOTE:

- 1) **THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY COMMUNICATION EQUIPMENT SUCH AS MOBILE PHONE/PAGER, WIRELESS SET, SCANNER PEN SCANNER/CAMERA OR ANY SUCH ELECTRONIC/DIGITAL GADGET ETC. INSIDE THE EXAMINATION HALL WHICH IS PUNISHABLE WITH DISQUALIFICATION FOR PERIOD OF TWO YEARS WITH THE SUBSEQUENT EXAMINATION.**
- 2) Candidates are permitted to use Statistical Tables and four functions calculators for their papers Research Methodology in the subject of Psychology.
- 3) The candidates are advised to copy the subject code from the question paper to fill in the OMR Sheet.
- 4) Candidate should write his/ her Roll No. on the OMR title cover from Left to Right.

Chandigarh: 160014
Dated: 15.11.2018

Prof. Parvinder Singh
Controller of Examinations

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